

E30. ETHERNET SERVICES

E30.1 AT&T SWITCHED ETHERNET SERVICESM

E30.1.1 Service Description

(H) (Cont'd)

(1) Basic Service Arrangement (Cont'd)

(c) Ethernet Virtual Circuits (EVC) (Cont'd)

Customers may configure EVCs as point-to-point (connecting two locations) or as multipoint (connecting three or more locations), as defined above. Point-to-point EVCs (i.e. EVCs between two ports) can be associated with an unlimited number of MAC addresses. Multipoint EVCs (i.e., EVCs between three or more ports) will be limited to 250 MAC addresses per multipoint EVC on each port, unless the Customer purchases the Additional MAC Addresses optional feature. MAC addresses associated with point-to-point EVCs do not count against this limit. For example, a port that is provisioned with 3 separate multipoint EVCs may have up to 250 MAC addresses associated with each of those EVCs, for a total of 750 MAC addresses in use on that port, but each EVC is still limited to a maximum of 250 MAC addresses.

(d) Frame Size

AT&T Switched Ethernet ServiceSM will be configured to support Ethernet frame sizes up to 9126 bytes on 100 Mbps, 1 Gbps and 10 Gbps port. Frame sizes on 100 Mbps¹ and 1 Gbps ports may be restricted to less than 9126 bytes when the port is provisioned with a CIR speed of 10 Mbps or less but will allow at least 1526 bytes. (C) (N)

(2) Per Packet Class of Service Arrangement

This service arrangement provides transport of data with variable Classes of Service within an Ethernet virtual connection, using a feature called "Per Packet Class of Service" or "PPCoS." With this serving arrangement, the Customer applies a priority identifier to each Ethernet frame (packet) within an EVC, and the packet is given the associated CoS priority level within the AT&T network.

PPCoS Service Arrangement is offered where suitable PPCoS facilities exist, and may not be available at all locations for which the Basic Service Arrangement is available.

(a) PPCoS Customer Port Connection (PPCoS port)

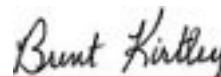
This component provides the physical transport facilities from the Customer's premises to an Ethernet switch at the Telephone Company central office. The Customer Port Connection is available at transmission speeds of 100 Mbps, 1 Gbps and 10 Gbps.

¹ 100 Mbps ports installed prior to August 1, 2013, may be limited to 1526 bytes. (N)

**KENTUCKY
PUBLIC SERVICE COMMISSION**

**JEFF R. DEROUEN
EXECUTIVE DIRECTOR**

TARIFF BRANCH



EFFECTIVE

2/1/2014

PURSUANT TO 807 KAR 5:011 SECTION 9 (1)

EFFECTIVE: February 1, 2014

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(H) (Cont'd)

(2) Per Packet Class of Service Arrangement (Cont'd)

(e) Ethernet Virtual Circuits (EVC) (Cont'd)

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(f) Frame Size

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(3) Optional Features and Functions

(a) Regenerator

Regenerators provide detection and retransmission of Ethernet signals and are used to provide service when the distance to an Ethernet switch exceeds otherwise applicable design limits. The Telephone Company will determine whether regenerators are needed and what transport medium and equipment will be used to provide regeneration. Regenerators are available on a per-port basis and are available for 100 Mbps, 1 Gbps and 10 Gbps ports.

(b) Additional MAC Addresses

The Additional MAC Address feature is offered on a per port basis. When a Customer subscribes to this feature, the MAC address limit associated with multipoint EVCs (as shown in 30.1.1(1)(c), preceding) shall be increased from 250 to 500 for each multipoint EVC present on that port.

(c) AT&T BusinessDirect[®] Customer Network Management

The AT&T BusinessDirect[®] web portal offers a Customer network management feature to all Customers subscribing to AT&T Switched Ethernet ServiceSM at no additional charge. Available functions include network inventory map, alarm surveillance, SLA reporting, performance reporting, maintenance trouble reporting and status updates, and the ability to request credit for SLA conditions. Customers must have a web interface to access and monitor their network using the AT&T BusinessDirect[®] web portal. SLA reporting does not include traffic to or from any ICO NNI Trunking Arrangement.

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